

5

ADHERENT ORTHOTIC PAD

10

ABSTRACT OF THE DISCLOSURE

15

20

25

An orthotic pad is disclosed for reducing pressure and shear stresses on dermal and muscle tissue in treatment areas extending over bony prominences. This pad includes a hydrocolloid-containing adhesive body having oppositely-facing non-parallel first and second major surfaces. The pad is formed of a soft, deformable and shape-recoverable adhesive material in which particles of at least one moisture-absorbing and moisture-swellable hydrocolloid material are dispersed. The first surface of the pad is contoured to match that of the treatment area for adhesively engaging and covering such area, and the second surface has a developed shape for corrective redistribution of external forces exertable against the treatment area to prevent further damage from pressure or shear forces, promote the healing process and, in appropriate cases, provide orthopedic correction.